

Figure 1

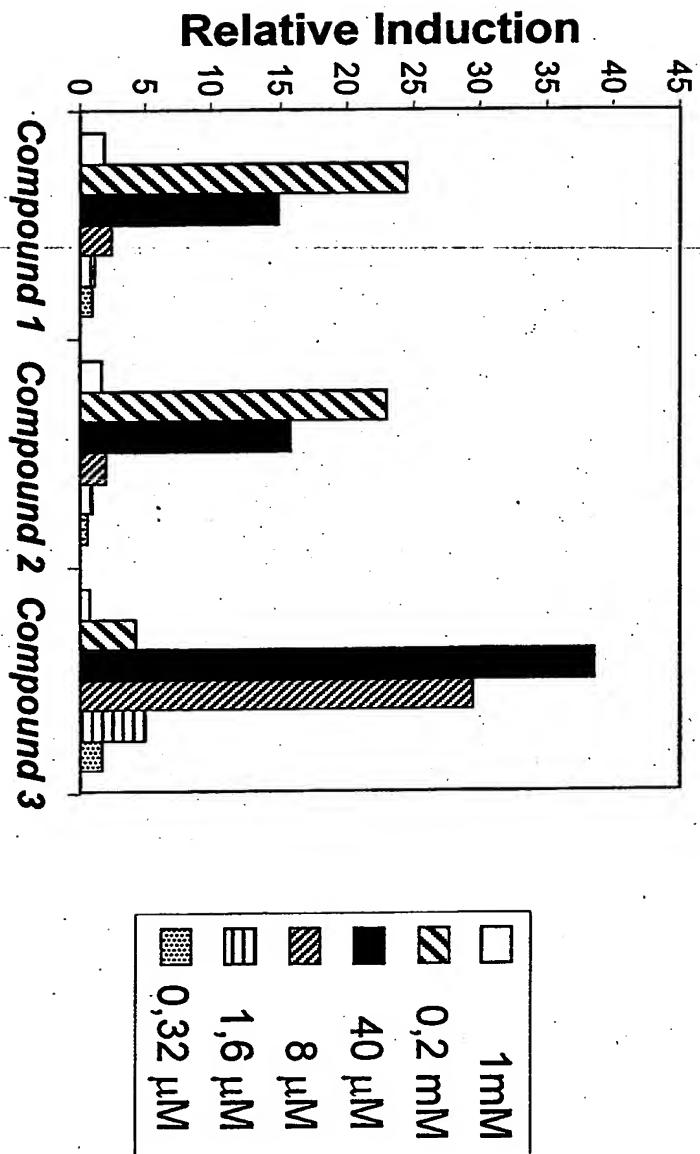


Figure 2

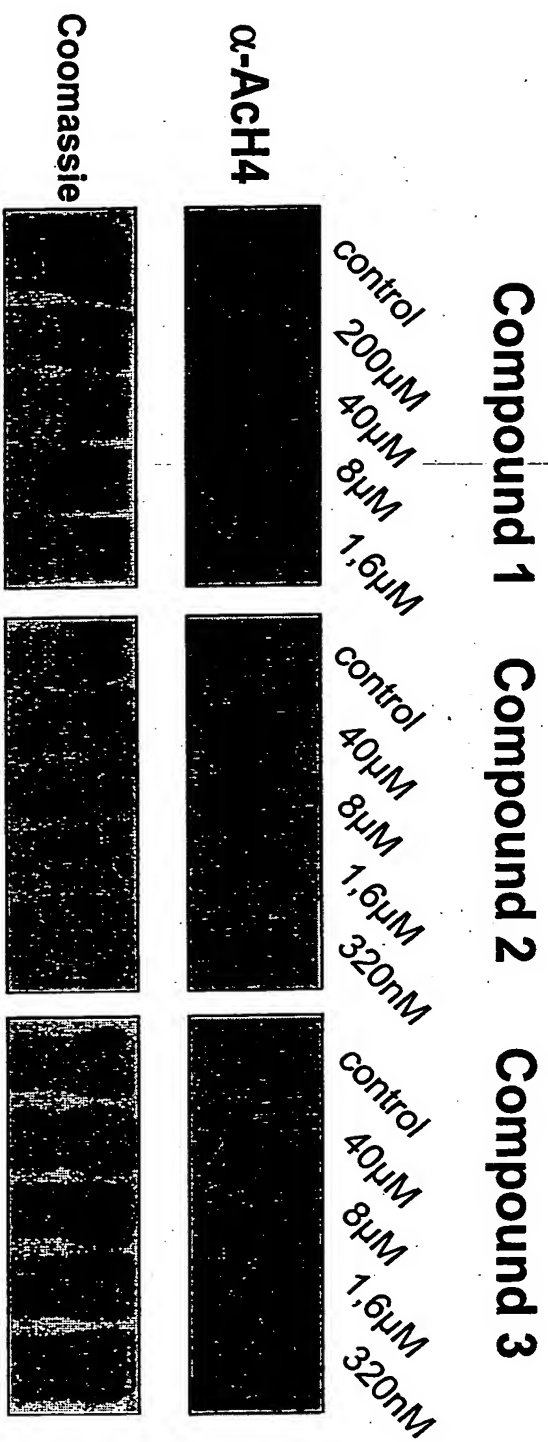


Figure 3

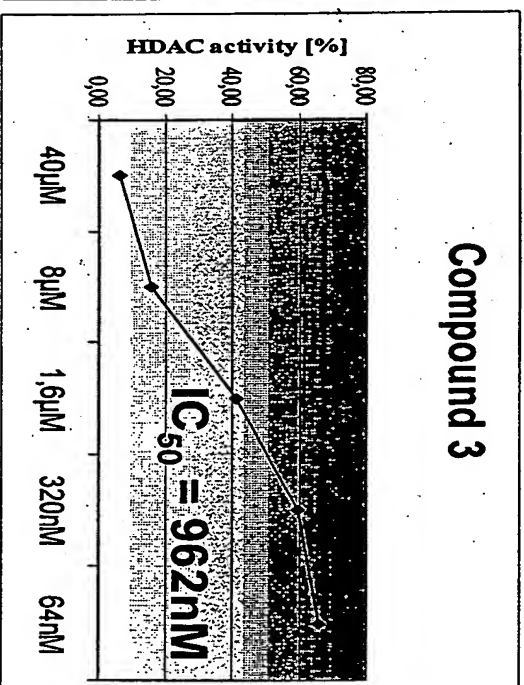
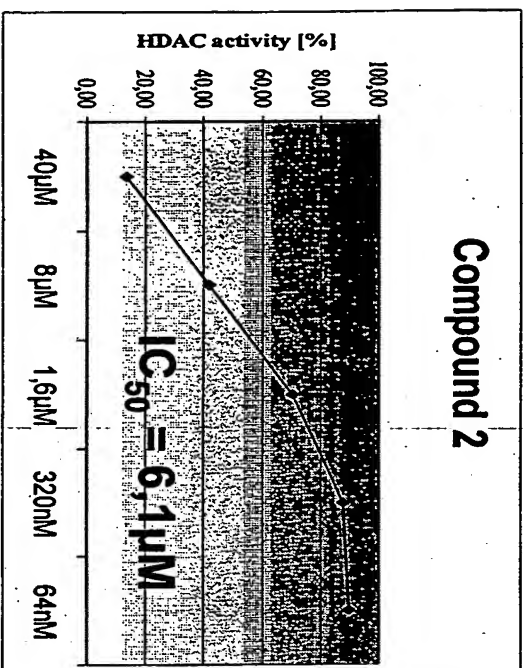
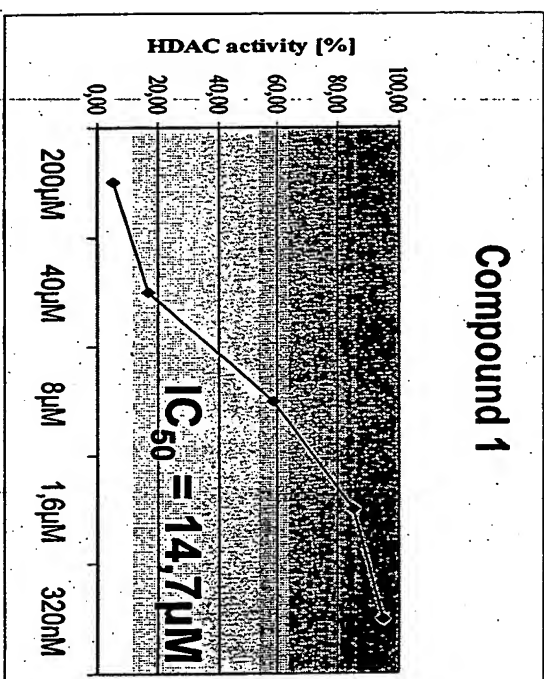
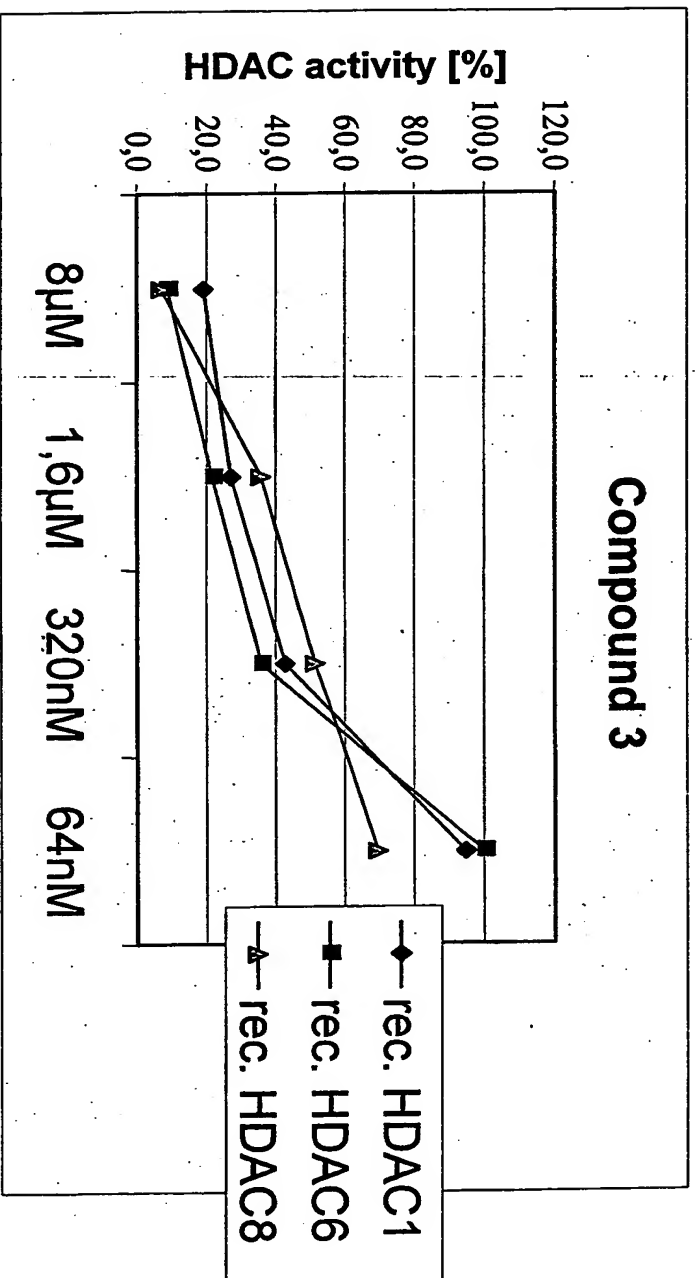


Figure 4



IC_{50} HDAC1 = 0,3 μ M

IC_{50} HDAC6 = 0,3 μ M

IC_{50} HDAC8 = 0,4 μ M

Western blot analysis of p21 and Bcl-xL expression in HepG2 cells treated with compounds 1, 2, and 3. The image shows three rows of blots. The top row is labeled 'p21' with an arrow pointing to a band. The middle row is labeled 'Bcl-xL' with an arrow pointing to a band. The bottom row is labeled 'Coomassie' and shows protein loading control. The lanes are: control, Compound 1- 200µM, Compound 1- 40µM, Compound 2 - 200µM, Compound 2 - 40µM, Compound 2 - 8µM, Compound 3 - 40µM, Compound 3 - 8µM, and Compound 3 - 1,6µM. p21 and Bcl-xL levels increase with treatment, while Coomassie staining remains consistent.

$$\text{Bcl-x}_L \rightarrow$$

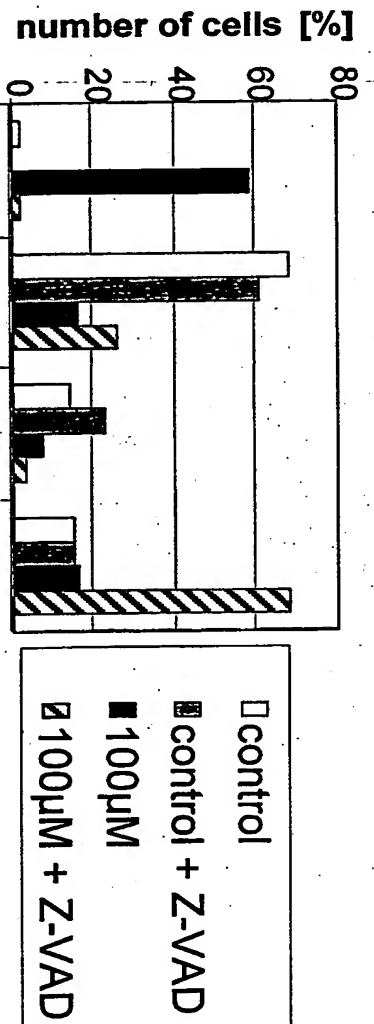
p21 →

Figure 6

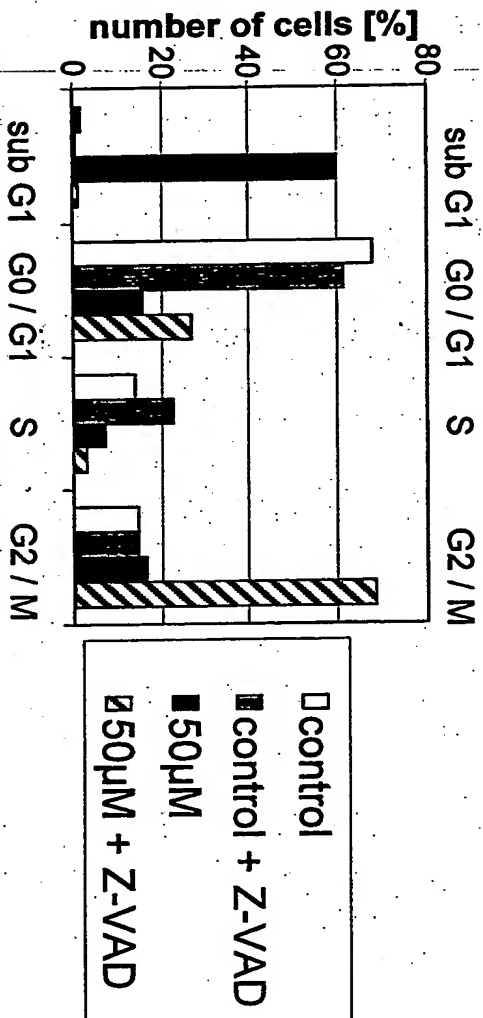
Cell Line	Control (n=10)	Control (n=10)	Control (n=10)
MCF-7 (breast)	25	15	2.5
ZR-75-30 (breast)	15	9.5	2.3
Colo320 (colon)	8	5	0.53
HT-29 (colon)	65	23	2.5
HCT-15 (colon)	63	26	2.8
LoVo (colon)	19	17	0.9
Capan 1 (pancreas)	70	22	8
DU-145 (prostate)	23	7	2.8
PC3 (prostate)	11	7	1.3

Figure 7

Compound 1



Compound 2



Compound 3

